07 July 2011

MEMORANDUM FOR DISTRIBUTION

Subj: DEPARTMENT OF THE NAVY (DON) NAVY MARINE CORPS PORTAL (NMCP)
ENVIRONMENT STRATEGY

Ref: (a) UNSECNAV memo of December 3, 2010, Subj: Department of the Navy (DON)
Information Technology (IT)/Cyberspace Efficiency Initiatives and Realignment
(b) Department of the Navy (DON) Chief Information Officer (CIO) memo of
December 20, 2010, Subj: Department of the Navy (DON) Information Technology
(IT)/Cyberspace Efficiency Initiatives and Realignment Tasking
(c) UNSECNAV memo of March 1, 2011, Subj: Department of the Navy (DON)
Information Enterprise Governance Board (IGB) Charter
(d) Department of the Navy (DON) Chief Information Officer (CIO) memo of April 15,
2011, Subj: Department of the Navy (DON) Enterprise Information Technology
Standard Business Case Analysis (BCA) Template
(e) Department of the Navy (DON) Chief Information Officer (CIO) memo of
May 5, 2011, Subj: Department of the Navy (DON) Information Management/
Information Technology / Cyberspace Campaign Plan for Fiscal Years 2011-2013

Encl: (1) Department of the Navy (DON) Navy Marine Corps Portal (NMCP) Environment
Strategy

Fiscal realities in the Defense community today and in the anticipated future will not
support the DON's continued development and delivery of multiple, distributed and duplicative
portals and web services as we have in the past. Consolidation of the DON's portals and web
services into an integrated and centrally governed environment is critical to enhancing an
effective security posture and to ensuring mission effectiveness, cost savings, interoperability,
and ease of use.

References (a) and (b) directed the DON to leverage Department of Defense IT
Consolidation efforts to develop an appropriate DON Navy Marine Corps Portal (NMCP)
environment strategy and develop an aggressive plan to cut-over all DON organizations to the
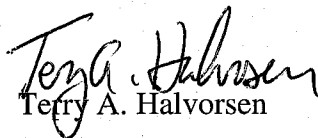NMCP environment as rapidly as practical.

Enclosure (1) is the Navy Marine Corps Portal (NMCP) Environment Strategy that
establishes the Vision, Goal, Objectives and Governance to be used to establish the framework
and enable the DON to execute the necessary steps required to migrate DON organizations to the
NMCP environment. The NMCP Environment must provide secure, interoperable, and
integrated portal capabilities and resources to rapidly deliver secure data and information to its
operational forces around the globe.

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Subj: DEPARTMENT OF THE NAVY (DON) NAVY MARINE CORPS PORTAL (NMCP)
ENVIRONMENT STRATEGY

A DON NMCP Environment Working Group (WG) shall be established with Navy and Marine Corps membership as outlined in enclosure (1) to ensure the objectives in the NMCP strategy are met. The NMCP WG will work to document all DON portal functional and technical requirements and as required develop portal migration plans by communicating via the respective DDCIO (Navy or Marine Corps) with all DON portal owners and sponsors. The NMCP WG will review all current DON portal requirements and available capabilities to identify duplicative efforts, excess capacity, and cost-saving opportunities. The NMCP WG will also work to establish a DON Enterprise portal review and approval process to ensure any new portal requirements and efforts are aligned with the DON NMCP environment strategy.

I appreciate your support and look forward to our continued collaboration as we move forward with IT/Cyberspace efficiencies. My point of contact at DON CIO for DON NMCP is: CDR Randy Darrow, randy.darrow@navy.mil, 703-695-1986.

Terry A. Halvorsen

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Department of the Navy
Navy Marine Corps Portal (NMCP)
Environment Strategy

1 July 2011

Prepared by:
Department of the Navy Chief Information Officer
(DON CIO)

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Department of the Navy
Navy Marine Corps Portal (NMCP) Environment Strategy

Executive Summary

The mission of the United States naval forces is to enhance security, prevent conflict and prevail in war. To effectively execute this mission, the Department of the Navy (DON) must be able to rapidly deliver secure data and information to its operational forces around the globe. This requires the DON to provide secure, interoperable, and integrated portal capabilities and resources. In an environment of severe budget challenges, the DON must identify and implement mission-effective and management-efficient strategies across the Enterprise that successfully enable mission support.

The Navy Marine Corps Portal (NMCP) environment is the framework for building a DON portal environment with the capability of supporting multiple solutions. The intent of this environment is to provide seamless information exchange across all organizational boundaries.

The benefits of the NMCP environment include:

- Reduced operating and sustainment costs to the enterprise
- Improved and consistent cybersecurity posture
- Increased interoperability within DON and Department of Defense (DoD) environments
- Enhanced collaboration, information sharing, and knowledge management across the DON enterprise environments (i.e., afloat, ashore and in-theater)

Background

Consolidation of the DON's distributed portals and web services into an integrated and centrally governed architecture is critical to enhancing an effective security posture and to ensuring cost savings, interoperability, and ease of use. The DON's current portal environment is a complex collection of autonomous systems with dispersed and diverse data, storage, collaboration systems and application web services. Each of these unique systems has an individual and decentralized governance structure, acquisition process, and support plan.

In an effort to address this situation, three NMCP policy memorandums were issued.

- NMCP Policy Guidance Memorandum Number 1 (28 February 2003) stated the requirements for a single integrated enterprise portal to limit duplicative portal technologies within the DON.
- NMCP Policy Guidance Memorandum Number 2 (29 December 2006) modified the NMCP vision from a single portal instance to a gateway and emphasized alignment with the DoD infrastructure through the establishment of DON policy, strategy, branding, and governance.
- NMCP Policy Guidance Memorandum Number 3 (4 August 2009) stated that the NMCP would not be a portal, but a framework and governance mechanism and defined the direction for portal consolidation.

This NMCP Environment Strategy supersedes these memos.

The NMCP environment is a framework, which will be capable of supporting multiple solutions, for integrating information, applications and processes across Service and organizational boundaries.

Vision

The ability to securely access authorized, relevant, and timely information and services within an integrated portal environment from any DON approved computing asset to support missions and business functions.

Goal

The goal of the NMCP environment is to establish a secure, effective and efficient enterprise environment that centrally manages and uses common IT services. This will provide a means to meet mission requirements in the most cost-effective manner operating under an enterprise governance model. The establishment of an NMCP environment shall consolidate existing portals, leverage existing investments, and eliminate current, and prevent future, stove-piped solutions that do not provide the full benefits of an enterprise environment.

Objectives

The objectives of the NMCP environment are to be:

- **Enterprise:** Implement a globally integrated, DON enterprise portal environment that is compliant with DoD and DON architecture guidance. This enterprise portal environment shall integrate with authoritative data sources and establish enterprise-wide standards, roles, and responsibilities. The NMCP environment will also require coordination with all existing DON portal owners and sponsors to review portal requirements, plans, and budgets. This review will identify duplicative capabilities and cost-saving opportunities

in order to plan an effective migration of all existing DON portals into the enterprise environment.

- **Effective:** Establish mature, adaptable, performance-based, and robust enterprise standards for data and information management to ensure that all data and information is universally secure, available, discoverable, and accessible.

- **Efficient:** Provide technical standardization and consolidation for the NMCP environment. Standardization of user interfaces, product versions, and processes shall create efficiencies through elimination of alternate and duplicative approaches. Consolidation shall eliminate redundancies in portal investments, including multiple help desks and training strategies, and reduce the resources required to maintain multiple portal environments and solutions.

- **Secure:** Enhance identity and access controls to ensure the protection, availability, integrity, and confidentiality of data and information to enable secure information sharing.

In support of the objectives, the NMCP environment shall be a gateway to DoD and DON information and enterprise services, providing core functionalities such as:

- Portal security plus identity and portal access management
- Collaboration and social media
- Information and knowledge sharing
- Business process management (e.g., task, automation, workflow)
- Business intelligence and data warehousing
- Enterprise content management (e.g., records, correspondence)
- Application delivery
- Search and discovery
- Support for limited bandwidth
- Support for approved mobile devices

The NMCP environment shall provide the foundation for seamless access to information across the DON, enabling all authorized personnel to access and effectively use collective information and knowledge assets necessary to fulfill their mission.

Governance

The DON Information Enterprise Governance Board (IGB): 1) shall provide overall NMCP environment governance, 2) is accountable for its oversight, and 3) shall provide guidance for the funding, acquisition, and sustainment of the NMCP environment. The IGB is chaired by the DON CIO and co-vice chaired by the DON Deputy CIO (DDCIO) Navy and DON Deputy CIO (DDCIO) Marine Corps.

An NMCP environment Working Group (WG) shall be established to ensure the objectives outlined in this strategy are met and to report status to the IGB. This working group shall consist, at a minimum, of members from the following DON organizations:

- DON Chief Information Officer (DON CIO)
- Deputy Assistant Secretary of the Navy (DASN) Command, Control, Communications, Computers, Intelligence (C4I) & Space
- DON Deputy CIO (DDCIO) Navy
- DON Deputy CIO (DDCIO) Marine Corps
- Office of the Chief of Naval Operations (OPNAV) N2/N6
- Headquarters Marine Corps (HQMC) Command, Control, Communications & Computer (C4)
- Program Executive Officer, Enterprise Information Systems (PEO EIS)
- Space and Naval Warfare Systems Command (SPAWARSYSCOM)
- Marine Corps Systems Command (MARCORSYSCOM)
- Naval Air Systems Command (NAVAIR)
- Naval Sea Systems Command (NAVSEA)
- Naval Supply Systems Command (NAVSUP)
- Naval Facilities Engineering Command (NAVFAC)

The NMCP WG will document all DON portal functional and technical requirements and as required develop portal migration plans by communicating via the respective DDCIO (Navy or Marine Corps) with all DON portal owners and sponsors. The NMCP WG will review all current DON portal requirements and available capabilities to identify duplicative efforts, excess capacity, and cost-saving opportunities. The NMCP WG will also establish a DON Enterprise portal review and approval process to ensure any new portal requirements and efforts are aligned with the DON NMCP environment strategy. This governance process shall be developed to provide oversight to ensure that portal management is enforced by leadership to ensure compliance with laws, regulations, policies and the missions of the Department.

A follow-on enterprise investment strategy for the NMCP environment shall be developed to ultimately reduce the total ownership costs for DON portals. Every opportunity for consolidation and centralization of portal services, systems, applications, operations, and maintenance shall be analyzed and pursued if feasible. The NMCP environment enterprise investment strategy shall require development of centralized acquisition processes following DoD acquisition regulations for common technical approaches whenever possible, while allowing for Service-specific capabilities when required. This investment strategy shall promote enhanced interoperability, security, compliance with DON architectures and standards, and simplification and reduction of workforce training requirements, while reducing total ownership costs.

Conclusion

Implementation and adoption of the DON NMCP environment strategy will require the active and dedicated engagement of all relevant stakeholders in the Secretariat, Navy, and Marine Corps to fully meet the stated goals and objectives. The DON NMCP environment shall fully

align with DoD plans and programs, and shall leverage emerging technologies and capabilities for information and infrastructure sharing. Successful implementation of the NMCP environment requires changes to our culture, individual command level business processes and operations, as well as ongoing DON leadership support. In the execution of this strategy, the DON shall continuously seek to improve and refresh the NMCP environment approach in order to realize the benefits that result from achieving the stated vision, goals, and objectives described in this strategy.

Reference Documents

1. UNSECNAV Memo: DON Information Enterprise Governance Board (IGB) Charter, 01 March 2011
   http://www.doncio.navy.mil/PolicyView.aspx?ID=2137

2. UNSECNAV Memo: DON Information Technology/Cyberspace Efficiency Initiatives and Realignment, 03 December 2010
   http://www.doncio.navy.mil/PolicyView.aspx?ID=2061

3. DON CIO Memo: DON Information Technology/Cyberspace Efficiency Initiatives and Realignment Tasking, 20 December 2010
   http://www.doncio.navy.mil/PolicyView.aspx?ID=2073

4. Navy Marine Corps Portal Policy Guidance Memorandum Number 3 (Governance), 04 August 2009
   http://www.doncio.navy.mil/PolicyView.aspx?ID=1257

5. Navy Marine Corps Portal Policy Guidance Memorandum Number 2 (Alignment), 08 January 2007
   http://www.doncio.navy.mil/PolicyView.aspx?ID=315

6. Navy Marine Corps Portal Policy Guidance Memorandum Number 1, 28 February 2003
   http://www.doncio.navy.mil/PolicyView.aspx?ID=2125

7. Clinger Cohen Act of 1996, Title 40
   http://cio-nii.defense.gov/docs/ciodesrefvolone.pdf

   - Title 10, United States Code, Section 2223
     http://uscode.house.gov/uscode-cgi/fastweb.exe?getdoc+uscview+t09t12+1361+0++%28%29%20%20AND%20%28%2810%29%20ADJ%20USC%29%3ACITE%20AND%20%28USC%20w%2F10%20%282223%29%29%3ACITE%20%20%20%20%20%20%20%20%20

   - Clinger-Cohen Act Compliance Policy (original 2002 DoD/DON implementation)
     http://www.doncio.navy.mil/PolicyView.aspx?ID=558

- Alignment of Two-Pass/Six-Gate Governance and Title 40/CCA Compliance Confirmation Processes
  http://www.doncio.navy.mil/PolicyView.aspx?ID=1255

8. DoD Directive 5144.1
   http://cio-nii.defense.gov/docs/514401p.pdf

9. DoD Directive 8000.01
   http://www.dtic.mil/whs/directives/corres/pdf/800001p.pdf

10. DoD Information Enterprise Architecture (DoD IEA), Version 1.2, May 10th, 2010
    http://cio-nii.defense.gov/sites/diea/products/DoD_IEA_v1_2_Signed_Memo_10_May_2010.pdf

11. DON Enterprise Architecture (EA)
    https://www.intelink.gov/wiki/DON_EA

12. Defense IT Infrastructure Library (DITIL)
    https://www.intelink.gov/wiki/Defense_ITIL

13. Global Information Grid 2.0, Version 1.0, June 2007
    http://cio-nii.defense.gov/docs/GIGArchVision.pdf

14. Naval Power 21...A Naval Vision, October 2002
    http://www.navy.mil/navydata/people/secnav/england/navpow21.pdf

15. Marine Corps Vision and Strategy 2025
    http://www.onr.navy.mil/~/media/Files/About%20ONR/usmc_vision_strategy_2025_0809.ashx

16. DON IM/IT Strategic Plan Mid Cycle Update, FY 2008-2009
    http://www.doncio.navy.mil/Products.aspx?ID=788

17. DON Naval Networking Environment (NNE) 2016 Strategic Definition, Scope and Strategy Paper, version 1.1, 13 May 2008
    http://www.doncio.navy.mil/PolicyView.aspx?ID=659

18. U.S Navy's Vision for Information Dominance, May 2010
    http://www.insaonline.org/assets/files/NavyInformationDominanceVisionMay2010.pdf

19. SECNAVINST 5220.14 Continuous Service Improvement (CPI)
    http://doni.daps.dla.mil/Directives/05000%20General%20Management%20Security%20and%20Safety%20Services/05-200%20Management%20Program%20and%20Techniques%20Services/5220.14.pdf

20. DON CIO Memorandum for Distribution of 25 Aug 2010
Department of the Navy Information Technology Fiscal Policy Guidance for Fiscal Year 2011
http://www.doncio.navy.mil/PolicyView.aspx?ID=1962